24417 Cell Biology & Medical Biotech. New. 25 Biotech 2016-17

Biotech 2016-17

QP Code: 77019

			(2½ Hours)	[ Total Marks :75
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N.B. :	(-)	questions are compulsor	•	
	(-)	questions carry equal mark we a neat labelled diagram		
	(3) Dra	iw a near labelled diagram	wherever necessary	
. (a)	Give an	example of any one of th	e following:-	Manual Committee of the 1
1. (a)	(i)	Types of intermediate fil		orange of the first of the second
	(ii)	Durg affecting microtubu		grand the second of the second
				The state of the s
(h)	Explair	any one of the following		2
(0)	(i)	Anterograde movement		
	(ii)	Microfilament		
	4	e in a special term	Jordan in Trout	12
(c)	Give a	account of any two of t	he following:-	La Grand Marie Villa Vil
(0)	(i)	Microtubule polymerisati	on and the phenon	nenon of dynamic instability.
	(ii)	Role of Actin binding p	roteins in Microt	ilament dynamics.
	(iii)	Structure and function	of motor protein	myosin.
	(iv)	Structure and composit	tion of Intermedia	ate filaments.
				3
0 (0)	Define	any three of the following	ing:-	
2. (a)	(i)	Connexon		no banco (kaja Tauti Millioni) (ki
		Microvilli	19	
	(ii)	Channels		ding and probably has a property
	(iii)	Desaturases		aleand a san 1995 - The little
	(iv)			
	(v)	Symporter Facilitated diffusion		
	(vi)	Facilitated diffusion		12
	1751			
(t	) Ansv	ver any two of the follo	Willig.	nove passively across membrane.
	(i)	Outline the ways in w	Inch succession	rate on its functions.
	(ii)	Outline the ways in w. What are adherens j	unctions? Elabo	brane proteins on the basis of
	Control of the Contro	Explain the classifi	cation of mem	D147-1-
	(iii)			
		relationship to the l Give an account of	the functions of	f cell membrane.
	(iv)	Give an account of		

	,			3
3.	. (1) (ii)	Name the causait V contains two identical copies of	genome	<b>3</b> .
	(iii)	- C Evoerviniocytic some by		
	(iv)	Give significance of PPD.  Give significance of PPD.  Fibripolysin that can dissolve fi	ibrin aleta :	
	(v)	Write True or False- Fibrine 17	bim ciots i	S
	(vi)	produced by S. aureus.		
		-		
		npt any two of the following:-		12
, (1		Città an accommit di mo successor	stroenteritis	1_
	(i)	Explain the lab diagnosis of enteric fever.		
	(ii)	Elaborate on the types of ringworm infections.		
	(iii)	Explain the treatment, prevention and control of HIV.	29 1 1 Th	
ži.	(iv)	Explain are treatment of	60	
	. C: <i>(</i>	significance of any three of the following:-		3
4. (a)		Protomers		J
	(i)	Envelope of a virus		
	(ii)	Tail fibres of bacteriophage		
	(iii)	Late mRNA	V. 7.22	
	(iv)	Haemagglutination assay		
	(v)	Prions		
4.5	(vi)			
(0)	1	s any two of the following:-		12
	(i)	Lysogeny in lambda phage		
	(ii)	Classification of viruses		
	(iii)	Cytocidal infections and cell damage		
. 1	(iv)	Modes of entry of enveloped and naked virus into anim	nal cell	
5. Write	short n	ote on any three of the following:-		15
	(i)	MDR-TB		13
		Clinical diseases caused by S. aureus		
		One step growth experiment		
		Viral enumeration		
		Dyneins as a transport protein		
		Hyaluronic acid		
(		J war onto aoju		